

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001027

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl⁷ H05B33/26, H01L27/146, H04N5/335, H05B33/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl⁷ H05B33/26, H01L27/146, H04N5/335, H05B33/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JOIS (JICST)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2003-282884 A (Kansai TLO Kabushiki Kaisha), 03 October, 2003 (03.10.03), Full text; all drawings (Family: none)	1-4, 6-9
Y	JP 2-291696 A (Ricoh Co., Ltd.), 03 December, 1990 (03.12.90), Full text; all drawings & US 5085946 A	5 10-11
		5

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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Date of the actual completion of the international search
13 May, 2005 (13.05.05)Date of mailing of the international search report
31 May, 2005 (31.05.05)Name and mailing address of the ISA/
Japanese Patent Office

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